

ABSTRACT OF THE DISCLOSURE

This invention relates to an optical deflection device capable of obtaining sufficient durability without any positional error of a polygon mirror even when the rotational speed of the polygon mirror increases to 50,000 rpm or more. An optical deflection device includes a base member, a polygon mirror which is formed into a regular polygon and has a reflecting surface on each peripheral end face, a flange member which holds the polygon mirror and rotates with respect to the base member, and a press member which presses the polygon mirror against the flange member. In this optical deflection device, surface roughening is performed for at least one of the holding surface of the flange member which holds the polygon mirror and the held surface of the polygon mirror which is held by the holding surface, and the holding surface and held surface are bonded with an adhesive.